



STATE OF MISSOURI
GEOLOGICAL SURVEY PROGRAM

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

RECEIVED
FORM OGC-3

JUL 02 2014

<input checked="" type="checkbox"/> APPLICATION TO DRILL		<input type="checkbox"/> DEEPEN		<input type="checkbox"/> PLUG BACK		<input checked="" type="checkbox"/> FOR AN OIL WELL		<input type="checkbox"/> OR GAS WELL	
NAME OF COMPANY OR OPERATOR S & B Operating, LLC						DATE 06/13/2014			
ADDRESS 9393 W. 110th St. Ste # 500				CITY Overland Park		STATE KS		ZIP CODE 66210	
DESCRIPTION OF WELL AND LEASE									
NAME OF LEASE Ronald Kirby				WELL NUMBER P-1		ELEVATION (GROUND) 802 feet			
WELL LOCATION (GIVE FOOTAGE FROM SECTION LINES) 179 ft. from <input checked="" type="checkbox"/> North <input type="checkbox"/> South section line 1658 ft. from <input checked="" type="checkbox"/> East <input type="checkbox"/> West section line									
WELL LOCATION Sec. 19 Township 43 North Range 31 <input type="checkbox"/> East <input checked="" type="checkbox"/> West				LATITUDE 38.51621N		LONGITUDE -943858194W		COUNTY Cass	
NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE 179 FEET									
DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE N/A FEET									
PROPOSED DEPTH 400		DRILLING CONTRACTOR, NAME AND ADDRESS S & B Operating, LLC				ROTARY OR CABLE TOOLS Air Rotary		APPROX. DATE WORK WILL START 07/10/2014	
NUMBER OF ACRES IN LEASE 400		NUMBER OF WELLS ON LEASE INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR 1							
		NUMBER OF ABANDONED WELLS ON LEASE 0							
IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED? NAME ADDRESS						NO. OF WELLS PRODUCING 0 INJECTION 0 INACTIVE 0 ABANDONED 0			
STATUS OF BOND		<input type="checkbox"/> SINGLE WELL AMOUNT \$		<input checked="" type="checkbox"/> BLANKET BOND AMOUNT \$ 20,000		<input checked="" type="checkbox"/> ON FILE <input type="checkbox"/> ATTACHED			
REMARKS: (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING/INJECTION ZONE AND EXPECTED NEW INJECTION ZONE; USE BACK OF FORM IF NEEDED)									
PROPOSED CASING PROGRAM									
AMOUNT	SIZE	WT/FT	CEMENT	AMOUNT	SIZE	WT/FT	CEMENT		
400	2.875	8	60	400	2.875	8	60	Full Length	
20	7.00	10	6	20	7	10	6		
I, the Undersigned, state that I am the 400 of the S & B Operating, LLC (Company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.									
SIGNATURE [Signature]						DATE 7/1/14			
PERMIT NUMBER 21364				<input checked="" type="checkbox"/> DRILLER'S LOG REQUIRED <input checked="" type="checkbox"/> CORE ANALYSIS REQUIRED IF RUN <input checked="" type="checkbox"/> SAMPLES REQUIRED 10' intervals surface to T.D. <input type="checkbox"/> SAMPLES NOT REQUIRED <input type="checkbox"/> WATER SAMPLES REQUIRED AT					
APPROVED DATE 7-23-14				<input checked="" type="checkbox"/> E-LOGS REQUIRED IF RUN <input checked="" type="checkbox"/> DRILL SYSTEM TEST INFO REQUIRED IF RUN					
APPROVED BY Joseph A. [Signature]									
NOTE THIS PERMIT NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION.									
APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPOSED WELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE									
I, Brad Kapp of the S & B Operating, LLC (Company), confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.									
DRILLER'S SIGNATURE [Signature]						DATE 7/1/14			



STATE OF MISSOURI
MISSOURI DEPARTMENT OF NATURAL RESOURCES
GEOLOGICAL SURVEY PROGRAM
WELL LOCATION PLAT

RECEIVED
FORM OGC-4

JUL 15 2014

OWNER'S NAME SAB Operating, LLC		Mo Oil & Gas Council	
LEASE NAME Ronald Kirby P-1		COUNTY Cass	
WELL LOCATION (GIVE FOOTAGE FROM SECTION LINES) 179 ft. from <input type="checkbox"/> North <input checked="" type="checkbox"/> South from section line 1658 ft. from <input checked="" type="checkbox"/> East <input type="checkbox"/> West from section line			
WELL LOCATION Sec. 27 Township 43 North Range 32 <input type="checkbox"/> East <input checked="" type="checkbox"/> West			
LATITUDE 38.51621N		LONGITUDE -94.3858194W	
REMARKS Each square = 660' Lease = W/2 + W/2 NE/4 + W/2 SE/4			
INSTRUCTIONS On the above plat, show distance of the proposed well from the two nearest section lines, the nearest lease line, and from the nearest well on the same lease completed in or drilling to the same reservoir. Do not confuse survey lines with lease lines. See rule 10 CSR 50-2.030 for survey requirements. Lease lines must be marked.		This is to certify that I have executed a survey to accurately locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are correctly shown on the above plat.	
REMIT TWO (2) COPIES TO: GEOLOGICAL SURVEY PROGRAM PO BOX 250, ROLLA, MO 65402-0250 (573) 368-2143 ONE (1) COPY WILL BE RETURNED		REGISTERED LAND SURVEYOR	NUMBER



Check Location

Select a coordinate format, enter a pair of coordinates in the boxes below it, and then press the SUBMIT button. Please be patient while your information is retrieved. Your coordinates will be converted to the other formats, the information on the right-hand side of the page will be filled in based on your coordinates, and a map will be generated. NOTE: All coordinates must use the North American Datum of 1983 (NAD83).

Submit

☐ Universal Transverse Mercator
[Zone 15 North]

Easting
379183.85859887075 meters

Northing
4264002.093563906 meters

☒ Decimal Degrees

Latitude
38.51621 °

Longitude
-94.38582 °

☐ Degrees, Minutes and Seconds

Latitude Degrees
38 °

Latitude Minutes
30 '

Latitude Seconds
58.35600000003405 ''

Longitude Degrees
-94 °

Longitude Minutes
23 '

Longitude Seconds
8.9519999999834 ''

UTM Zone 15N [Easting, Northing]	[379183.8, 4264002.0] meters
Decimal Degrees [Lat, Lon]	[38.51621°, -94.38582°]
Deg, Min, Sec [Lat, Lon]	[38° 30' 58.3", -94° 23' 8.9"]
County Name	Cass
County FIPS Code	037
Legal Description	Section 19 T43N R31W
Municipality	NO VALUE
House District	57
Senate District	31
Congressional District	4
MoDNR Region	Kansas City Regional Office
USGS 1:24,000 Quadrangle	Everett [38094-E4]
8 Digit Watershed	10290108 [South Grand]
10 Digit Watershed	1029010802 [Mormon Fork-South Grand River]
12 Digit Watershed	102901080203 [Black Creek-South Grand River]
Special Well Drilling Area	Area 2
Ecological Drainage Unit	Central Plains/Osage/South Grand
Level III Ecoregion	Central Irregular Plains
Query Time	6.454 s

Rows with **red** text indicate that the input location is too close to a boundary to produce reliable results.

NOTE: A result of 'NO VALUE' is usually an indication that no data was found for the location. For example, not every point in Missouri will lie within a municipal boundary, so some will result in a 'NO VALUE'. If 'County Name' results in 'NO VALUE', your point probably lies outside the state.



Metadata

- [Roads](#)
- [Railroads](#)
- [County Boundaries](#)
- [Municipal Boundaries](#)
- [Lakes and Ponds](#)
- [Rivers and Streams](#)
- [Missouri River](#)